

### S32 INPUT DECK – GROUND FLOOR UNMITIGATED

ST.ADELAIDE UNMITGATED  
T-PEAK HOUR TRAFFIC CONDITIONS, 1  
104 , 40 , 3 , 40 , 2 , 40  
L-SHERIDAN ROAD, 1  
N,130,7,2603,  
N,124,50,2603,  
N,110,127,2603,  
N,101,195,2600,  
N,99,246,2600,  
N,97,274,2598,  
N,91,320,2595,  
N,76,439,2591,  
N,57,579,2591,  
N,50,627,2592,  
N,34,749,2592,  
N,28,797,2593,  
N,11,924,2595,  
B-EDUCATION BUILDING, 1 , 2 , 0 ,0  
272,355,2620,2620,  
318,321,2620,2620,  
339,349,2620,2620,  
470,414,2620,2620,  
442,471,2620,2620,  
310,407,2620,2620,  
272,355,2620,2620,  
B-MULTI PURPOSE HALL, 2 , 2 , 0 ,0  
385,465,2620,2620,  
478,512,2620,2620,  
452,563,2620,2620,  
359,517,2620,2620,  
385,465,2620,2620,  
B-SANCTUARY, 3 , 2 , 0 ,0  
281,404,2620,2620,  
320,456,2620,2620,  
319,458,2620,2620,  
300,472,2620,2620,  
315,491,2620,2620,  
285,512,2620,2620,  
237,445,2620,2620,  
234,445,2620,2620,  
236,433,2620,2620,  
239,434,2620,2620,  
B-SANCTUARY CONT., 4 , 2 , 0 ,0  
239,434,2620,2620,  
281,404,2620,2620,  
B-ROAD EDGE-CUSTER ROAD, 5 , 1 , 0 ,0  
142,68,2603,2603,  
147,70,2605,2605,  
171,95,2610,2610,  
204,148,2615,2615,  
260,220,2620,2620,  
277,238,2621,2621,  
301,257,2622,2622,  
320,268,2623,2623,  
365,290,2624,2624,  
617,386,2640,2640,  
B-ROAD EDGE-CUSTER ROAD CONT., 6 , 1 , 0 ,0

617,386,2640,2640,  
665,401,2641,2641,  
721,409,2642,2642,  
B-ROAD EDGE\_LEFT SIDE, 7 , 1 , 0 ,0  
139,573,2599,2599,  
139,556,2600,2600,  
135,533,2601,2601,  
135,514,2602,2602,  
139,494,2603,2603,  
146,476,2604,2604,  
157,458,2605,2605,  
167,441,2606,2606,  
175,422,2607,2607,  
175,405,2607,2607,  
B-ROAD EDGE\_LEFT SIDE CONT., 8 , 1 , 0 ,0  
175,405,2607,2607,  
165,387,2607,2607,  
161,376,2608,2608,  
162,357,2608,2608,  
177,335,2609,2609,  
199,324,2609,2609,  
220,326,2609,2609,  
239,338,2609,2609,  
311,289,2623,2623,  
R, 1 , 65 ,10  
282,390,2615,R1  
R, 2 , 65 ,10  
323,495,2615,R2  
R, 3 , 65 ,10  
450,488,2615,R3  
C,C

SOUND32 - RELEASE 07/30/91

TITLE: ST.ADELAIDE UNMITGATED

BARRIER DATA  
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BAR ELE	0	1	BARRIER HEIGHTS					BAR				
			2	3	4	5	6	7	ID		LENGTH	TYPE
1	-	0.*							B1 P1		57.2	MASONRY
2	-	0.*							B1 P2		35.0	MASONRY
3	-	0.*							B1 P3		146.2	MASONRY
4	-	0.*							B1 P4		63.5	MASONRY
5	-	0.*							B1 P5		146.7	MASONRY
6	-	0.*							B1 P6		64.4	MASONRY
7	-	0.*							B2 P1		104.2	MASONRY
8	-	0.*							B2 P2		57.2	MASONRY
9	-	0.*							B2 P3		103.8	MASONRY
10	-	0.*							B2 P4		58.1	MASONRY
11	-	0.*							B3 P1		65.0	MASONRY
12	-	0.*							B3 P2		2.2	MASONRY
13	-	0.*							B3 P3		23.6	MASONRY
14	-	0.*							B3 P4		24.2	MASONRY
15	-	0.*							B3 P5		36.6	MASONRY
16	-	0.*							B3 P6		82.4	MASONRY
17	-	0.*							B3 P7		3.0	MASONRY
18	-	0.*							B3 P8		12.2	MASONRY
19	-	0.*							B3 P9		3.2	MASONRY
20	-	0.*							B4 P1		51.6	MASONRY
21	-	0.*							B5 P1		5.7	BERM
22	-	0.*							B5 P2		35.0	BERM
23	-	0.*							B5 P3		62.6	BERM
24	-	0.*							B5 P4		91.4	BERM
25	-	0.*							B5 P5		24.8	BERM
26	-	0.*							B5 P6		30.6	BERM
27	-	0.*							B5 P7		22.0	BERM
28	-	0.*							B5 P8		50.1	BERM
29	-	0.*							B5 P9		270.1	BERM
30	-	0.*							B6 P1		50.3	BERM
31	-	0.*							B6 P2		56.6	BERM
32	-	0.*							B7 P1		17.0	BERM
33	-	0.*							B7 P2		23.4	BERM
34	-	0.*							B7 P3		19.0	BERM
35	-	0.*							B7 P4		20.4	BERM
36	-	0.*							B7 P5		19.3	BERM
37	-	0.*							B7 P6		21.1	BERM
38	-	0.*							B7 P7		19.7	BERM
39	-	0.*							B7 P8		20.6	BERM
40	-	0.*							B7 P9		17.0	BERM
41	-	0.*							B8 P1		20.6	BERM
42	-	0.*							B8 P2		11.7	BERM

43	-	0.*				B8 P3	19.0	BERM
44	-	0.*				B8 P4	26.6	BERM
45	-	0.*				B8 P5	24.6	BERM
46	-	0.*				B8 P6	21.1	BERM
47	-	0.*				B8 P7	22.5	BERM
48	-	0.*				B8 P8	88.2	BERM

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 0 1 2 3 4 5 6 7

REC	REC	ID	DNL	PEOPLE	LEQ(CAL)
1	R1		65.	10.	42.0
2	R2		65.	10.	44.2
3	R3		65.	10.	34.8

### IS3 MODEL INPUT – UNMITIGATED, HVAC WORSTCASE

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ST.ADELAIDE HVAC UNMIT, WORSTCASE
18 = START X POINT IN FEET
178 = START Y POINT IN FEET
668 = END X POINT IN FEET
828 = END Y POINT IN FEET
16 = NUMBER OF SOURCE POINTS
500 = DOMINANT FREQUENCY OF SOURCE IN HZ
3 = REFERENCE DISTANCE IN FEET
2 = DISTANCE BETWEEN STEPS
20 = NUMBER OF BARRIER PAIRS
5 = RECEPTOR ELEVATION IN FEET
SOURCE POINTS IN FEET (XYZ - LEVEL IN DBA)
293,333,3,84
277,344,3,76
282,340,3,76
287,336,3,76
272,348,3,76
464,436,3,76
467,430,3,76
469,425,3,76
472,419,3,76
475,413,3,76
466,545,3,82
469,540,3,84
472,534,3,84
237,456,3,82
233,451,3,82
240,461,3,80
BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)
272,355,318,321,22,0
318,321,339,349,22,0
339,349,470,414,22,0
470,414,442,471,22,0
442,471,310,407,22,0
310,407,272,355,22,0
385,465,478,512,26,0
478,512,452,563,26,0
452,563,359,517,26,0
359,517,385,465,26,0
281,404,320,456,31,0
320,456,319,458,31,0
319,458,300,472,31,0
300,472,315,491,31,0
315,491,285,512,31,0
285,512,237,445,31,0
237,445,234,445,31,0
234,445,236,433,31,0
236,433,239,434,31,0
239,434,281,404,31,0
END OF INPUT FILE - REV 3.1
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### IS3 MODEL INPUT – MITIGATED, NORTH P/L

ST.ADELAIDE HVAC, NORTH PROPERTY LINE, MITIGATED

18 = START X POINT IN FEET

178 = START Y POINT IN FEET

668 = END X POINT IN FEET

828 = END Y POINT IN FEET

16 = NUMBER OF SOURCE POINTS

500 = DOMINANT FREQUENCY OF SOURCE IN HZ

3 = REFERENCE DISTANCE IN FEET

2 = DISTANCE BETWEEN STEPS

70 = NUMBER OF BARRIER PAIRS

5 = RECEPTOR ELEVATION IN FEET

SOURCE POINTS IN FEET (XYZ - LEVEL IN DBA)

293,333,3,84

277,344,3,76

282,340,3,76

287,336,3,76

272,348,3,76

464,436,3,76

467,430,3,76

469,425,3,76

472,419,3,76

475,413,3,76

466,545,3,82

469,540,3,84

472,534,3,84

237,456,3,82

233,451,3,82

240,461,3,80

BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)

266,347,293,326,5,0

293,326,299,334,5,0

466,442,481,411,6,0

481,411,472,407,6,0

472,407,469,413,6,0

469,551,478,532,6,0

478,532,470,528,6,0

243,441,227,451,5,0

227,451,239,467,5,0

272,355,318,321,22,0

318,321,339,349,22,0

339,349,470,414,22,0

470,414,442,471,22,0

442,471,310,407,22,0

310,407,272,355,22,0

385,465,478,512,26,0

478,512,452,563,26,0

452,563,359,517,26,0

359,517,385,465,26,0

281,404,320,456,31,0

320,456,319,458,31,0

319,458,300,472,31,0

300,472,315,491,31,0

315,491,285,512,31,0

285,512,237,445,31,0

237,445,234,445,31,0

234,445,236,433,31,0

236,433,239,434,31,0  
239,434,281,404,31,0  
212,415,222,453,0,0  
222,453,266,513,0,0  
266,513,272,516,0,0  
272,516,289,516,0,0  
289,516,303,503,0,0  
303,503,325,507,0,0  
325,507,452,571,0,0  
452,571,456,562,0,0  
580,640,583,605,20,0  
583,605,586,558,20,0  
586,558,580,531,20,0  
580,531,583,447,20,0  
583,447,493,372,20,0  
493,372,364,317,20,0  
364,317,313,283,20,0  
313,283,264,334,20,0  
264,334,239,338,0,0  
239,338,226,329,-1,0  
226,329,208,324,-1,0  
208,324,189,328,-1,0  
189,328,177,335,-2,0  
177,335,167,346,-2,0  
167,346,162,360,-2,0  
162,360,162,376,-2,0  
162,376,167,391,-2,0  
167,391,174,403,-2,0  
174,403,176,415,-3,0  
176,415,173,428,-3,0  
173,428,164,447,-5,0  
164,447,146,476,-5,0  
146,476,138,500,-6,0  
138,500,135,523,-7,0  
135,523,137,544,-8,0  
137,544,139,561,-9,0  
139,561,137,573,-10,0  
557,543,521,539,5,0  
521,539,513,618,5,0  
513,618,484,614,4,0  
484,614,459,611,3,0  
459,611,434,608,2,0  
434,608,410,605,1,0  
END OF INPUT FILE - REV 3.1

### IS3 MODEL INPUT – MITIGATED, WEST P/L

ST.ADELAIDE HVAC, WEST PROPERTY LINE, MITIGATED

18 = START X POINT IN FEET

178 = START Y POINT IN FEET

668 = END X POINT IN FEET

828 = END Y POINT IN FEET

16 = NUMBER OF SOURCE POINTS

500 = DOMINANT FREQUENCY OF SOURCE IN HZ

3 = REFERENCE DISTANCE IN FEET

2 = DISTANCE BETWEEN STEPS

70 = NUMBER OF BARRIER PAIRS

-14 = RECEPTOR ELEVATION IN FEET

SOURCE POINTS IN FEET (XYZ - LEVEL IN DBA)

293,333,3,84

277,344,3,76

282,340,3,76

287,336,3,76

272,348,3,76

464,436,3,76

467,430,3,76

469,425,3,76

472,419,3,76

475,413,3,76

466,545,3,82

469,540,3,84

472,534,3,84

237,456,3,82

233,451,3,82

240,461,3,80

BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)

266,347,293,326,5,0

293,326,299,334,5,0

466,442,481,411,6,0

481,411,472,407,6,0

472,407,469,413,6,0

469,551,478,532,6,0

478,532,470,528,6,0

243,441,227,451,5,0

227,451,239,467,5,0

272,355,318,321,22,0

318,321,339,349,22,0

339,349,470,414,22,0

470,414,442,471,22,0

442,471,310,407,22,0

310,407,272,355,22,0

385,465,478,512,26,0

478,512,452,563,26,0

452,563,359,517,26,0

359,517,385,465,26,0

281,404,320,456,31,0

320,456,319,458,31,0

319,458,300,472,31,0

300,472,315,491,31,0

315,491,285,512,31,0

285,512,237,445,31,0

237,445,234,445,31,0

234,445,236,433,31,0



236,433,239,434,31,0  
239,434,281,404,31,0  
212,415,222,453,0,0  
222,453,266,513,0,0  
266,513,272,516,0,0  
272,516,289,516,0,0  
289,516,303,503,0,0  
303,503,325,507,0,0  
325,507,452,571,0,0  
452,571,456,562,0,0  
580,640,583,605,20,0  
583,605,586,558,20,0  
586,558,580,531,20,0  
580,531,583,447,20,0  
583,447,493,372,20,0  
493,372,364,317,20,0  
364,317,313,283,20,0  
313,283,264,334,20,0  
264,334,239,338,0,0  
239,338,226,329,-1,0  
226,329,208,324,-1,0  
208,324,189,328,-1,0  
189,328,177,335,-2,0  
177,335,167,346,-2,0  
167,346,162,360,-2,0  
162,360,162,376,-2,0  
162,376,167,391,-2,0  
167,391,174,403,-2,0  
174,403,176,415,-3,0  
176,415,173,428,-3,0  
173,428,164,447,-5,0  
164,447,146,476,-5,0  
146,476,138,500,-6,0  
138,500,135,523,-7,0  
135,523,137,544,-8,0  
137,544,139,561,-9,0  
139,561,137,573,-10,0  
557,543,521,539,5,0  
521,539,513,618,5,0  
513,618,484,614,4,0  
484,614,459,611,3,0  
459,611,434,608,2,0  
434,608,410,605,1,0  
END OF INPUT FILE - REV 3.1

### IS3 MODEL INPUT – UNMITIGATED PLAY AREA, NORTH P/L

ST.ADELAIDE KIDS PLAY AREA, NORTH PROPERTY LINE, UNMIT  
18 = START X POINT IN FEET  
178 = START Y POINT IN FEET  
668 = END X POINT IN FEET  
828 = END Y POINT IN FEET  
17 = NUMBER OF SOURCE POINTS  
500 = DOMINANT FREQUENCY OF SOURCE IN HZ  
3 = REFERENCE DISTANCE IN FEET  
2 = DISTANCE BETWEEN STEPS  
64 = NUMBER OF BARRIER PAIRS  
5 = RECEPTOR ELEVATION IN FEET  
SOURCE POINTS IN FEET (XYZ - LEVEL IN DBA)  
293,333,3,84  
277,344,3,76  
282,340,3,76  
287,336,3,76  
272,348,3,76  
464,436,3,76  
467,430,3,76  
469,425,3,76  
472,419,3,76  
475,413,3,76  
466,545,3,82  
469,540,3,84  
472,534,3,84  
237,456,3,82  
233,451,3,82  
240,461,3,80  
508,474,4,88BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)  
266,347,293,326,5,0  
293,326,299,334,5,0  
466,442,481,411,6,0  
481,411,472,407,6,0  
472,407,469,413,6,0  
469,551,478,532,6,0  
478,532,470,528,6,0  
243,441,227,451,5,0  
227,451,239,467,5,0  
272,355,318,321,22,0  
318,321,339,349,22,0  
339,349,470,414,22,0  
470,414,442,471,22,0  
442,471,310,407,22,0  
310,407,272,355,22,0  
385,465,478,512,26,0  
478,512,452,563,26,0  
452,563,359,517,26,0  
359,517,385,465,26,0  
281,404,320,456,31,0  
320,456,319,458,31,0  
319,458,300,472,31,0  
300,472,315,491,31,0  
315,491,285,512,31,0  
285,512,237,445,31,0  
237,445,234,445,31,0  
234,445,236,433,31,0

236,433,239,434,31,0  
239,434,281,404,31,0  
212,415,222,453,0,0  
222,453,266,513,0,0  
266,513,272,516,0,0  
272,516,289,516,0,0  
289,516,303,503,0,0  
303,503,325,507,0,0  
325,507,452,571,0,0  
452,571,456,562,0,0  
580,640,583,605,20,0  
583,605,586,558,20,0  
586,558,580,531,20,0  
580,531,583,447,20,0  
583,447,493,372,20,0  
493,372,364,317,20,0  
364,317,313,283,20,0  
313,283,264,334,20,0  
264,334,239,338,0,0  
239,338,226,329,-1,0  
226,329,208,324,-1,0  
208,324,189,328,-1,0  
189,328,177,335,-2,0  
177,335,167,346,-2,0  
167,346,162,360,-2,0  
162,360,162,376,-2,0  
162,376,167,391,-2,0  
167,391,174,403,-2,0  
174,403,176,415,-3,0  
176,415,173,428,-3,0  
173,428,164,447,-5,0  
164,447,146,476,-5,0  
146,476,138,500,-6,0  
138,500,135,523,-7,0  
135,523,137,544,-8,0  
137,544,139,561,-9,0  
139,561,137,573,-10,0  
END OF INPUT FILE - REV 3.1

### IS3 MODEL INPUT – MITIGATED PLAY AREA, NORTH P/L

ST.ADELAIDE KIDS PLAY AREA, NORTH PROPERTY LINE, MIT  
18 = START X POINT IN FEET  
178 = START Y POINT IN FEET  
668 = END X POINT IN FEET  
828 = END Y POINT IN FEET  
1 = NUMBER OF SOURCE POINTS  
500 = DOMINANT FREQUENCY OF SOURCE IN HZ  
60 = REFERENCE DISTANCE IN FEET  
2 = DISTANCE BETWEEN STEPS  
70 = NUMBER OF BARRIER PAIRS  
5 = RECEPTOR ELEVATION IN FEET  
SOURCE POINTS IN FEET (XYZ - LEVEL IN DBA)  
293,333,3,84  
277,344,3,76  
282,340,3,76  
287,336,3,76  
272,348,3,76  
464,436,3,76  
467,430,3,76  
469,425,3,76  
472,419,3,76  
475,413,3,76  
466,545,3,82  
469,540,3,84  
472,534,3,84  
237,456,3,82  
233,451,3,82  
240,461,3,80  
508,474,4,88  
BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)  
293,333,3,84  
277,344,3,76  
282,340,3,76  
287,336,3,76  
272,348,3,76  
464,436,3,76  
467,430,3,76  
469,425,3,76  
472,419,3,76  
475,413,3,76  
466,545,3,82  
469,540,3,84  
472,534,3,84  
237,456,3,82  
233,451,3,82  
240,461,3,80  
508,474,4,88  
BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)  
266,347,293,326,5,0  
293,326,299,334,5,0  
466,442,481,411,6,0  
481,411,472,407,6,0  
472,407,469,413,6,0  
469,551,478,532,6,0  
478,532,470,528,6,0  
243,441,227,451,5,0

227,451,239,467,5,0  
272,355,318,321,22,0  
318,321,339,349,22,0  
339,349,470,414,22,0  
470,414,442,471,22,0  
442,471,310,407,22,0  
310,407,272,355,22,0  
385,465,478,512,26,0  
478,512,452,563,26,0  
452,563,359,517,26,0  
359,517,385,465,26,0  
281,404,320,456,31,0  
320,456,319,458,31,0  
319,458,300,472,31,0  
300,472,315,491,31,0  
315,491,285,512,31,0  
285,512,237,445,31,0  
237,445,234,445,31,0  
234,445,236,433,31,0  
236,433,239,434,31,0  
239,434,281,404,31,0  
212,415,222,453,0,0  
222,453,266,513,0,0  
266,513,272,516,0,0  
272,516,289,516,0,0  
289,516,303,503,0,0  
303,503,325,507,0,0  
325,507,452,571,0,0  
452,571,456,562,0,0  
580,640,583,605,20,0  
583,605,586,558,20,0  
586,558,580,531,20,0  
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493,372,364,317,20,0  
364,317,313,283,20,0  
313,283,264,334,20,0  
264,334,239,338,0,0  
239,338,226,329,-1,0  
226,329,208,324,-1,0  
208,324,189,328,-1,0  
189,328,177,335,-2,0  
177,335,167,346,-2,0  
167,346,162,360,-2,0  
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162,376,167,391,-2,0  
167,391,174,403,-2,0  
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173,428,164,447,-5,0  
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146,476,138,500,-6,0  
138,500,135,523,-7,0  
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137,544,139,561,-9,0  
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557,543,521,539,9,0  
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513,618,484,614,9,0

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484,614,459,611,9,0  
459,611,434,608,9,0  
434,608,410,605,9,0  
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### IS3 MODEL INPUT – MITIGATED PLAY AREA, SOUTHEAST P/L

ST.ADELAIDE KIDS PLAY AREA, SOUTHEAST PROPERTY LINE, MIT

18 = START X POINT IN FEET

178 = START Y POINT IN FEET

668 = END X POINT IN FEET

828 = END Y POINT IN FEET

1 = NUMBER OF SOURCE POINTS

500 = DOMINANT FREQUENCY OF SOURCE IN HZ

60 = REFERENCE DISTANCE IN FEET

2 = DISTANCE BETWEEN STEPS

70 = NUMBER OF BARRIER PAIRS

25 = RECEPTOR ELEVATION IN FEET

SOURCE POINTS IN FEET (XYZ - LEVEL IN DBA)

293,333,3,84

277,344,3,76

282,340,3,76

287,336,3,76

272,348,3,76

464,436,3,76

467,430,3,76

469,425,3,76

472,419,3,76

475,413,3,76

466,545,3,82

469,540,3,84

472,534,3,84

237,456,3,82

233,451,3,82

240,461,3,80

508,474,4,88

BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)

293,333,3,84

277,344,3,76

282,340,3,76

287,336,3,76

272,348,3,76

464,436,3,76

467,430,3,76

469,425,3,76

472,419,3,76

475,413,3,76

466,545,3,82

469,540,3,84

472,534,3,84

237,456,3,82

233,451,3,82

240,461,3,80

508,474,4,88

BARRIER SOURCE PAIRS IN FEET (START XY - END XY - HEIGHT - STC)

266,347,293,326,5,0

293,326,299,334,5,0

466,442,481,411,6,0

481,411,472,407,6,0

472,407,469,413,6,0

469,551,478,532,6,0

478,532,470,528,6,0

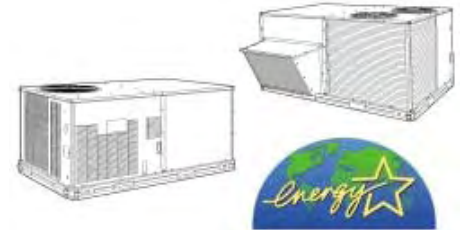
243,441,227,451,5,0

227,451,239,467,5,0  
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339,349,470,414,22,0  
470,414,442,471,22,0  
442,471,310,407,22,0  
310,407,272,355,22,0  
385,465,478,512,26,0  
478,512,452,563,26,0  
452,563,359,517,26,0  
359,517,385,465,26,0  
281,404,320,456,31,0  
320,456,319,458,31,0  
319,458,300,472,31,0  
300,472,315,491,31,0  
315,491,285,512,31,0  
285,512,237,445,31,0  
237,445,234,445,31,0  
234,445,236,433,31,0  
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239,434,281,404,31,0  
212,415,222,453,0,0  
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272,516,289,516,0,0  
289,516,303,503,0,0  
303,503,325,507,0,0  
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452,571,456,562,0,0  
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364,317,313,283,20,0  
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189,328,177,335,-2,0  
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173,428,164,447,-5,0  
164,447,146,476,-5,0  
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138,500,135,523,-7,0  
135,523,137,544,-8,0  
137,544,139,561,-9,0  
139,561,137,573,-10,0  
557,543,521,539,9,0  
521,539,513,618,9,0  
513,618,484,614,9,0



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High-Efficiency  
Gas Heating/Electric Cooling  
3 to 12½ Nominal Tons[Back to Product Description](#)**Sales and Service Locator**☒ Sales ☐ Service

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**Search****ARI\* Capacity Ratings / Physical Data**

Size	Nominal Capacity (Tons)	Net Cooling Capacity (Btuh)	Total Power kW	SEER†	EER	Sound Ratings (dB)	IPLV††	Weight (lbs)	Dimensions (ft-in)		
									Length	Width	Height
004	3	36,000	3.2	13.0	11.2	76	N/A	530	6'-1 11/16"	3'-9"	2'-9 5/16"
005	4	46,000	4.1	13.0	11.1	76	N/A	540	6'-1 11/16"	3'-9"	2'-9 5/16"
006	5	61,000	5.5	13.0	11.0	80	N/A	560	6'-1 11/16"	3'-9"	2'-9 5/16"
007	6	73,000	6.7	-	11.0	80	N/A	635	6'-1 11/16"	3'-9"	3'-5 5/16"
008	7½	90,000	8.2	-	11.0	82	11.6	870	7'-3 3/8"	4'-9 3/4"	3'-5 5/16"
009	8½	103,000	8.9	-	11.6	82	12.8	1015	7'-3 3/8"	4'-9 3/4"	4'-1 5/16"
012	10	120,000	10.9	-	11.0	84	11.4	1035	7'-3 3/8"	4'-9 3/4"	4'-1 5/16"
014	12½	138,000	14.4	-	9.6	86	10.3	1050	7'-3 3/8"	4'-9 3/4"	4'-1 5/16"

**LEGEND**

EER — Energy Efficiency Ratio

IPLV — Integrated Part-Load Value

SEER — Seasonal Energy Efficiency Ratio

\*Air-Conditioning &amp; Refrigeration Institute.

†Applies only to units with capacity of 65,000 Btuh or less.

\*\*ARI does not require EER ratings for unit with capacity below 65,000 Btuh. For these units, the EER rating at ARI standard conditions is provided for information only.

††The IPLV is not applicable to single-compressor units.

**NOTES:**

1. Rated in accordance with ARI Standard 210-94 or 360-93.

2. Ratings are net values, reflecting the effects of circulating fan heat.

3. Ratings are based on:

Cooling Standard: 80 F db, 67 wb indoor entering-air temperature and 95 F db outdoor entering-air temperature.

IPLV Standard: 80 F db, 67 F wb indoor entering-air temperature and 80 F db outdoor entering-air temperature.

4. All 48HJ004-014 units are in compliance with ASHRAE 90.1 2001 Energy Standard for minimum SEER and EER requirements.

Refer to state and local codes or visit the following website: <http://solstice.crest.org/efficiency/bcap> to determine if compliance with this standard pertains to a given geographical area of the United States.[Return to Top](#)[View Printer Friendly Version](#)[Carrier Corporation](#) = A Member of The United Technologies Corporation Family = Stock Symbol: UTX = Copyright © 2006 = [Legal Notice](#) = [Privacy Policy](#)

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Size	Nominal Capacity (Tons)	Standard Airflow (Cfm)	Net Cooling Capacity (Btuh)	Tot Pow kW	<div><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div></div> 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**LEGEND**db — Dry Bulb  
EER — Energy Efficiency Ratio  
IPLV — Integrated Part-Load Values  
wb — Wet Bulb

\*Air Conditioning and Refrigeration Institute.

†IPLV values are calculated based on control configuration T.CTL = 2 (2 Stage Y1).

\*\*Size 028 unit is not listed with ARI, but is tested to ARI standards.

**NOTES:**

1. Rated in accordance with ARI Standards 360-93 and 270-95.
2. ARI ratings are net values, reflecting the effects of circulating fan heat.
3. Ratings are based on:  
Cooling Standard: 80 F db, 67 F wb indoor entering-air temperature and 95 F db air entering outdoor unit.  
IPLV Standard: 80 F db, 67 F wb indoor entering-air temperature and 80 F db outdoor entering-air temperature.
4. All 48HJ020-028 units are in compliance with ASHRAE 90.1 2001 Energy Standard for minimum EER requirements. Refer to state and local codes or visit the following website: <http://solstice.crest.org/efficiency/bcap> to determine if compliance with this standard pertains to a given geographical area of the United States.

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